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**From:** Detlef Knappe [knappe@ncsu.edu]  
**Sent:** 7/30/2018 4:27:37 AM  
**To:** Jane Hoppin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userebcfc262]  
**CC:** Adrien Wilkie [aawilkie@ncsu.edu]; Collier, David [COLLIERD@ecu.edu]; DeWitt, Jamie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user3803c28a]; Katlyn May [kmay2@ncsu.edu]; Lea, Suzanne [LEAC@ecu.edu]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Nadine Kotlarz [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userc79d3fb6]; Rob Smart [rcsmart@ncsu.edu]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Jessica Yasmine Islam [jessica.y.islam@gmail.com]; Alison Plumley [asplumle@ncsu.edu]  
**Subject:** Re: some preliminary half life data

Nice!!!

Greetings from Frankfurt airport,  
Detlef

On Sun, Jul 29, 2018, 5:08 PM Jane Hoppin <jahoppin@ncsu.edu> wrote:

Hi all,

Thanks to Nadine's heroic efforts, we have data to start thinking about half life of these compounds.

It's good news.

We looked at data from 27 people and 6 chemicals (GenX, PFO4DA, Nafion byproduct 2, PFO5DoDA, PFOA, and PFOS) collected in November and May.

All units ppb (ug/L)

GenX is basically non-detectable in all samples.

PFO4DA decreased 69% in that time (Nov median = 4.5, May = 0.8)

Nafion BP2 decreased 32% (Nov median = 3, May = 2)

PFO5DoDA decreased 43% (Nov median 0.4, May = 0.2)

PFOA decreased 11% (Nov median = 6, May = 5.4)

PFOS decreased 8% (Nov = 11, May = 10)

These are still preliminary and we have about 20 more repeaters to run, but I think it's great news that all the ones in the water are dropping rapidly. That will be something exciting to share with folks at our advisory panel meeting.

Cheers,

jane

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